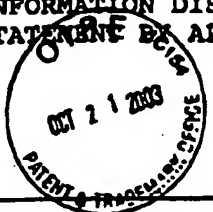


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|--|---|----|----------------------|------------------------|----------|
| Substitute for Form 1449A/PTO<br><br><b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br> |   |    | Application Number   | 10/647,170             |          |
|  |   |    | Filing Date          | August 21, 2003        |          |
|  |   |    | First Named Inventor | Toshiyuki TAKABAYASHI  |          |
|  |   |    | Group Art Unit       | 1711                   |          |
|  |   |    | Examiner Name        | Berman                 |          |
| Sheet  | 1 | of | 1                    | Attorney Docket Number | 03487/HG |

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| Exam Initials <sup>1</sup> | Cite No <sup>2</sup> | offc <sup>3</sup> | Document Number <sup>4</sup>     | Kind Code <sup>5</sup> | Name of Patentee or Applicant | Publication Date MM-DD-YYYY | Relevant Portion | T <sup>6</sup> |
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| Examiner Signature         | Susan Berman         |                   |                                  | Date Considered        | 12/2005                       |                             |                  |                |

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<sup>1</sup> Unique citation designation number. <sup>2</sup> See kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Place a check here if English translation is attached.

DATE MAILED: October 21, 2003